al Application No

PCT/EP2004/008714 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO8F4/64 CO7F9/535 C07F9/00 C07F7/00 C07F7/28 C07F7/30 C07F19/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08F C07F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC, COMPENDEX, CHEM ABS Data, BEILSTEIN Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. χ WO 02/070569 A (STICHTING DUTCH POLYMER 1-10 INST (NL)) 12 September 2002 (2002-09-12) cited in the application page 8, line 33 - page 9, line 12 page 10, line 1 - line 23 page 14, line 1 - line 11 US 6 114 481 A (GAO XIAOLIANG ET AL) X 1-10 5 September 2000 (2000-09-05) cited in the application column 8, line 1 - column 9, line 30 χ CA 2 243 726 A (NOVA CHEMICALS LTD) 1 - 1021 January 2000 (2000-01-21) * pages 18 & 19; syntheses 2, 3 & 4 * X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date document which may throw doubts on priority clalm(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 9 November 2004 24/11/2004

Authorized officer

Elliott, A

Form PCT/ISA/210 (second sheet) (January 2004)

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Name and mailing address of the ISA

interns al Application No	
PCT/EP2004/008714	

(Continue	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/EP2004/008714
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	principal di lile raiovalit passages	Ticlevall to Claim No.
X	CA 2 243 775 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) * page 21; method 2 *	1-10
A .	CA 2 261 518 A (NOVA CHEMICALS CORP) 12 August 2000 (2000-08-12) cited in the application page 3, line 30 - line 36	1-10
A .	CA 2 243 783 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) the whole document	1-10
A	CA 2 210 131 A (NOVA CHEMICALS LTD) 9 January 1999 (1999-01-09) the whole document	1-10
4	SARSFIELD MARK J ET AL: "The reactivity of trimethylsilyliminophosphines towards titanium and zirconium halides" JOURNAL OF THE CHEMICAL SOCIETY, DALTON TRANSACTIONS, no. 6, 21 March 2001 (2001-03-21), pages 822-827, XP002262843 ISSN: 1472-7773 the whole document	1-10

mormation on patent family members

Internation Application No PCT/EP2004/008714

Patent document		Publication		Patent family	Publication
cited in search report		date		member(s)	date
WO 02070569	Α	12-09-2002	AT	277092 T	15-10-2004
			CA	2439892 A1	12-09-2002
			DE	60201340 D1	28-10-2004
			EP	1373332 A1	02-01-2004
			JP	2004527608 T	09-09-2004
			WO	02070569 A1	12-09-2002
			US	2004192541 A1	30-09-2004
US 6114481	Α	05-09-2000	CA	2215444 A1	15-03-1999
			ΑT	229042 T	15-12-2002
·			ΑU	8970098 A	05-04-1999
			WO	9914250 A1	25-03-1999
			CN	1270601 T	18-10-2000
			DE	69809957 D1	16-01-2003
			DE	69809957 T2	04-09-2003
			DK	1021470 T3	17-03-2003
			EP	1021470 A1	26-07-2000
			ES	2188000 T3	16-06-2003
			JP	2001516776 T	02-10-2001
			US 	6420300 B1	16-07-2002
CA 2243726	Α	21-01-2000	CA	2243726 A1	21-01-2000
			AT	228141 T	15-12-2002
			AU	4126399 A	14-02-2000
			BR	9912316 A	08-05-2001
			MO	0005236 A1	03-02-2000
;			CN	1319103 T	24-10-2001
			DE	69904061 D1	02-01-2003
			DE	69904061 T2	17-07-2003
			EP	1112276 A1	04-07-2001
			ES JP	2187161 T3 2002521500 T	16-05-2003
			US	6355744 B1	16-07-2002 12-03-2002
CA 2243775		21-01-2000	CA	224277E A1	21 01 2000
J., LL7J//J	А	21 01-2000	AT	2243775 A1 236182 T	21-01-2000 15-04-2003
			ΑÚ	4126299 A	14-02-2000
•			BR	9912277 A	17-04-2001
•		•	WO	0005237 A1	03-02-2000
<i>:</i>			CN	1319104 T	24-10-2001
			DE	69906552 D1	08-05-2003
			DĒ	69906552 T2	15-01-2004
			ĒΡ	1112278 A1	04-07-2001
			ES	2196809 T3	16-12-2003
			ĴΡ	2002521501 T	16-07-2002
			US	6147172 A	14-11-2000
CA 2261518	A	12-08-2000	CA	2261518 A1	12-08-2000
CA 2243783	Α	21-01-2000	CA	2243783 A1	21-01-2000
			ΑT	227730 T	15-11-2002
			ΑU	4595199 A	14-02-2000
			BR	9912239 A	10-04-2001
			WO	0005238 A1	03-02-2000
			CN	1321161 T	07-11-2001
			DE	69903950 D1	19-12-2002
			DE EP	69903950 T2 1098899 A1	17-07-2003 16-05-2001

mormation on patent family members

Internation No PCT/EP2004/008714

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
CA 2243783 A		ES JP US US	2187167 T3 2002521502 T 6239238 B1 2001007895 A1	16-05-2003 16-07-2002 29-05-2001 12-07-2001
CA 2210131 A	09-01-1999	CA AU AU BR DE DE EP ES FI NO RU US	2210131 A1 235518 T 740558 B2 7192098 A 9802353 A 69812485 D1 69812485 T2 0890581 A1 2196493 T3 981404 A 11071420 A 983151 A 2203908 C2 5965677 A	09-01-1999 15-04-2003 08-11-2001 21-01-1999 14-12-1999 30-04-2003 04-03-2004 13-01-1999 16-12-2003 10-01-1999 16-03-1999 11-01-1999 10-05-2003 12-10-1999